

AHLTA (CHCS II)

Stepwise EMR Approach to Medication Reconciliation

- AHLTA has the capability to:
 - Generate current medication profile
 - Active & expired
 - Number of refills
 - Dates of prescriptions
 - Add medications not routinely found in CHCS including OTCs to the encounter note for inclusion in the active medication profile
- These capabilities are demonstrated in the following “screen shots”

USER, TEST: Military Clinical Desktop - Appointments (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Refresh Open Appt New Appt Check-In Check-Out Cancel Transfer Add Providers Print Appts View Comments Ins. Form Undo Cancel

SUAREZ, EDUARDO A 20/454-72-3217 45yo M LCDR DOB:10 Sep 1959

Folder List

- Desktop
 - Alert Review
 - Appointments
 - Telephone Consul
 - Search
 - Patient List
 - Consult Log
 - Co-signs
 - New Results
 - Reports
 - Tools
 - Sign Orders
 - CHCS-I
 - Immunizations Adm
 - SUAREZ, EDUARDO
 - Demographics
 - Health History
 - Problems
 - Meds
 - Allergy
 - Wellness
 - Immunizations
 - Vital Signs Re
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 - Screening
 - Vital Signs Ent

Change Selections ... My Appointments in This Clinic for Today plus Incomplete.

Appt. Date/Time	Patient	Status	Reason for Visit	FMP/SSN	CheckIn Time	Type
17 May 2005 0900	ALEXANDER, MARIE D	InProgress	Ankle Sprain	02/202455743	18 May 2005 1247	ACUTE APPT
17 May 2005 1000	SUAREZ, EDUARDO A	InProgress	diabetes/diabetes followup	20/454723217	17 May 2005 1158	ESTABLISHED/FO
17 May 2005 1030	BERG, OLAF V	InProgress	Cold and Flu	20/245638943	17 May 2005 1216	ACUTE APPT
17 May 2005 1100	WILLIAMS, CLAYTON U	CheckedIn	headache/physical	20/967628867	17 May 2005 1151	ROUTINE
17 May 2005 1130	SUGARMAN, REGINOLD T	InProgress	headache	20/575342160	18 May 2005 1356	ROUTINE
18 May 2005 1424	BERG, LEE T	InProgress		01/245638943	18 May 2005 1425	ACUTE APPT
18 May 2005 1447	SUAREZ, JOSE Q	InProgress	Asthma	03/454723217	18 May 2005 1447	ACUTE APPT
23 May 2005 2117	ALEXANDER, VIOLET W	InProgress	hx of cancer	20/202455743	23 May 2005 2117	ACUTE APPT
23 May 2005 2119	WILLIAMS, CLAYTON U	InProgress	Well Baby check	20/967628867	23 May 2005 2120	WELLNESS/HEAL
24 May 2005 1631	SUGARMAN, REGINOLD T	InProgress		20/575342160	24 May 2005 1631	ACUTE APPT
08 Jun 2005 0902	ALEXANDER, EDWARD P	CheckedIn		01/202455743	08 Jun 2005 0902	ACUTE APPT
08 Jun 2005 0902	ALEXANDER, SAMANTHA R	CheckedIn		04/202455743	08 Jun 2005 0902	ACUTE APPT
08 Jun 2005 0903	SUAREZ, BONITA S	CheckedIn		40/454723217	08 Jun 2005 0904	ACUTE APPT
08 Jun 2005 0904	SUAREZ, EDUARDO A	CheckedIn		20/454723217	08 Jun 2005 0905	ACUTE APPT

A patient is selected from the provider's list of appointments for the day. The encounter is then opened.

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military Clini... 9:05 AM

USER, TEST: Military Clinical Desktop - Encounters (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Refresh Add Note Add Providers Templates Sign Save As Template Close

SUAREZ, EDUARDO A 20/454-72-3217 45yo M LCDR DOB:10 Sep 1959

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 - Reports
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- SUAREZ, EDUARDO
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 - Problems
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 - Allergy
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Date: 08 Jun 2005 0904 EST Status: Checked-In MTF: CHCSII ITT Facility
Primary Provider: USER, TEST Type: ACUT\$ Clinic: CHCSII ITT Clinic
Patient Status: Outpatient

Reason for Appointment:

AutoCites Refreshed by @ 08 Jun 2005 0905 EST

Problems <ul style="list-style-type: none">HYPERLIPIDEMIADIABETES MELLITUS TYPE IIESSENTIAL HYPERTENSIONvisit for: screening exam lipid disordersDIABETES MELLITUS TYPE II - UNCONTROLLED	Allergies <ul style="list-style-type: none">Iodine Containing Agents: Rash
--	---

Screening

Vitals

S/O

A/P

Disposition

AddNote

This is the opened encounter note.

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military C... 9:08 AM

USER, TEST: Military Clinical Desktop - Encounters (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Refresh Add Note Add Providers Templates Sign Save As Template Close

SUAREZ, EDUARDO A 20/454-72-3217

Encounter Summary Properties

Date: 08 Jun 2005 0904 E
Primary Provider: USER, TE
Patient Status: Outpatient
Reason for Ap

Signature Block
Line 1: USER, TEST
Line 2: Training Tool Application
Line 3: CHCSII ITT Facility
Co-Signer: (Not Yet Selected) Search Clear

AutoCite preferences:
☒ Active Problems ☐ Active Family History
☒ Allergies ☐ Questionnaires
☒ Active Medications ☒ Expired Medications

Vitals Last: 1 Hours Days Months Years
Labs Last: 1 Hours Days Months Years
Rads Last: 1 Hours Days Months Years

A/P Active Order Default:
☐ Show Active Medication Orders Window when Opening Order Tabs
☐ Show Active Laboratory Orders Window when Opening Order Tabs
☐ Show Active Radiology Orders Window when Opening Order Tabs

Disposition Follow Up Discussed with Default: Patient
☐ Auto-Print
☐ Auto-save S/O every 0 Min.

Options

By selecting the Options button, a provider can select Active and Expired Medications to be displayed in the encounter note.

Once a provider has selected this option, medications will be displayed in all encounter notes opened by that provider until he/she changes the above settings.

USER, TEST: Military Clinical Desktop - Encounters (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

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- Lab
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Date: 08 Jun 2005 0904 EST Status: Checked-In MTF: CHCSII ITT Facility
Primary Provider: USER, TEST Type: ACUT\$ Clinic: CHCSII ITT Clinic
Patient Status: Outpatient

Reason for Appointment:

AutoCites Refreshed by USER, TEST @ 08 Jun 2005 0918 EST

Problems

- HYPERLIPIDEMIA
- DIABETES MELLITUS TYPE II
- ESSENTIAL HYPERTENSION
- visit for: screening exam lipid disorders
- DIABETES MELLITUS TYPE II - UNCONTROLLED

Allergies

- Iodine Containing Agents: Rash

Active Medications

Active Medications	Status	Sig	Refills Left	Last Filled
LISINAPRIL (PRINIVIL/ZESTRIL)--PO 40MG T	Active	1 QD	6 of 6	Not Recorded
METFORMIN (GLUCOPHAGE)--PO 500MG TAB	Active	1 BID	6 of 6	Not Recorded
SIMVASTATIN (ZOCOR)--PO 20MG TAB	Active	QD	6 of 6	Not Recorded

Expired Medications

No Expired Medications Found.

Screening

Vitals

S/O

A/P

Disposition

AddNote

Active and Expired Medications are now displayed in the encounter note and will be printed if the encounter note is printed.

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military C... 9:18 AM

USER, TEST: Military Clinical Desktop - Vital Signs Entry (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Clear Vitals Save Vitals S/O Close

Adult

SUAREZ, EDUARDO A 20/454-72-3217 45yo M LCDR DOB:10 Sep 1959

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 - Telephone Consul
 - Search
 - Patient List
 - Consult Log
 - Co-signs
 - New Results
 - Reports
 - Tools
 - Sign Orders
 - CHCS-I
- SUAREZ, EDUARDO
 - Demographics
 - Health History
 - Problems
 - Meds
 - Allergy
 - Wellness
 - Immunizations
 - Vital Signs Re
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 - Lab
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Review Entry

Date... 08 Jun 2005 09:24 ☐ Visual Acuity ☐ Oxygen Sat. ☐ Peak Flow

Standard Vital Signs

BP: / ...

HR: bpm ...

RR: /minute

Temperature: °F °C ...

Height/Weight

Ht: in cm ...

Wt: lbs kg ...

BMI: BSA:

Habits:

Tobacco: ☐ Yes ☐ No ...

Alcohol: ☐ Yes ☐ No ...

Pain Severity:

☐ 10 - Totally Disabling

☐ 9

☐ 8 - Severe

☐ 7

☐ 6

☐ 5 - Moderate

☐ 4

☐ 3

☐ 2 - Mild

☐ 1

☐ 0 - Pain Free

Where is the Pain Located?

Comments

Other Medications: Viagra

OTC: Benadryl 25 mg PRN

Herbals: Saw Palmeto

OK

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military Clini... 9:26 AM

In the Vitals Module, the provider, a nurse or corpsman can use the free text comment box to enter medications that are not in CHCS including OTCs, herbals and other agents as described in the comprehensive drug history

USER, TEST: Military Clinical Desktop - Encounters (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Refresh Add Note Add Providers Templates Sign Save As Template Close

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- Desktop
- Alert Review
- Appointments
- Telephone Consul
- Search
- Patient List
- Consult Log
- Co-signs
- New Results
- Reports
- Tools
- Sign Orders
- CHCS-I
- Immunizations Adm
- SUAREZ, EDUARDO
- Demographics
- Health History
- Problems
- Meds
- Allergy
- Wellness
- Immunizations
- Vital Signs Re
- PKC Couplers
- Readiness
- Patient Quest
- Lab
- Radiology
- Clinical Notes
- Previous Encount
- Flowsheets
- Current Encounter
- Screening
- Vital Signs Ent

Date: 08 Jun 2005 0904 EST Status: **Waiting** MTF: CHCSII ITT Facility
Primary Provider: **USER, TEST** Type: **ACUT\$** Clinic: CHCSII ITT Clinic
Patient Status: **Outpatient**

Reason for Appointment:

AutoCites Refreshed by USER, TEST @ 08 Jun 2005 0918 EST

Problems

- HYPERLIPIDEMIA
- DIABETES MELLITUS TYPE II
- ESSENTIAL HYPERTENSION
- visit for: screening exam lipid disorders
- DIABETES MELLITUS TYPE II - UNCONTROLLED

Allergies

- Iodine Containing Agents: Rash

Active Medications

Active Medications	Status	Sig	Refills Left	Last Filled
LISINAPRIL (PRINIVIL/ZESTRIL)--PO 40MG T	Active	1 QD	6 of 6	Not Recorded
METFORMIN (GLUCOPHAGE)--PO 500MG TAB	Active	1 BID	6 of 6	Not Recorded
SIMVASTATIN (ZOCOR)--PO 20MG TAB	Active	QD	6 of 6	Not Recorded

Expired Medications
No Expired Medications Found.

Screening

Vitals **Vitals** Written by USER, TEST @ 08 Jun 2005 0924 EST

Comments: Other Medications: Viagra

OTC: Benadryl 25 mg PRN

Herbals: SawPalmeto

S/D

A/P

Encounter 1515 was updated.

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military Clini... 9:31 AM

Those medications are now part of the encounter note.

USER, TEST: Military Clinical Desktop - A/P (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Preview Save Delete Templates SQ Disposition Sign Modifiers Submit All Close

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- Appointments
- Telephone Consul
- Search
- Patient List
- Consult Log
- Co-signs
- New Results
- Reports
- Tools
- Sign Orders
- CHCS-I
- Immunizations Adm
- SUAREZ, EDUARDO
- Demographics
- Health History
- Problems
- Meds
- Allergy
- Wellness
- Immunizations
- Vital Signs Re
- PKC Couplers
- Readiness
- Patient Questio
- Lab
- Radiology
- Clinical Notes
- Previous Encounte
- Flowsheets
- Current Encounter
- Screening
- Vital Signs Ent
- S/O
- A/P

Priority ICD Diagnosis Chronic/Acute Type Priority Orders & Procedures

Diagnosis Order Sets Procedure Order Consults Order Lab Order Rad Order Med Other Therapies

<< >> <No Template Selected> Problem List Favorite Lists Search Find Now

ICD Diagnosis

In the A/P module, a provider selects the Order Med tab to order new medications or update medication currently in CHCS.

Add to Encounter Add to Favorite List

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [Registry Editor USER, TEST: Military Clini... 9:34 AM

USER, TEST: Military Clinical Desktop - A/P (Privacy Act of 1974/FOUD) - Training System

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SUAREZ, EDUARDO A 20/454-72-3217 45yo M LCDR DOB:10 Sep 1959

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- Appointments
- Telephone Consul
- Search
- Patient List
- Consult Log
- Co-signs
- New Results
- Reports
- Tools
- Sign Orders
- CHCS-I
- Immunizations Adm
- SUAREZ, EDUARDO
- Demographics
- Health History
- Problems
- Meds
- Allergy
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- Vital Signs Re
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- Lab
- Radiology
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- S/O
- A/P

Priority ICD Diagnosis Chronic/Acute Type Priority Orders & Procedures

The provider can search for new medications here.

By selecting the Show Orders button, existing orders in CHCS can be displayed.

Diagnosis Order Sets Procedure Order Consults Order Lab Order Rad **Order Med** Other Therapies

Patient's Weight: 180.00 lbs; 81.65 kg

New Med Order

Item Name:

SIG:

Qty: Max Days Supply Default Unit:

Refills: Start Date:

Note to Provider:

Dispensing Location:

Comments: (Optional)

More Detail ... Clear Save To Queue Submit

Current Outpatient Medications

Show Orders

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military Clini... 9:39 AM

USER, TEST: Military Clinical Desktop - A/P (Privacy Act of 1974/FOUO) - Training System

File Edit View Go Tools Actions Help

Preview Save Delete Templates SQ Disposition Sign Modifiers Submit All Close

SUAREZ, EDUARDO A 20/454-72-3217 45yo M LCDR DOB:10 Sep 1959

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- Telephone Consul
- Search
- Patient List
- Consult Log
- Co-signs
- New Results
- Reports
- Tools
- Sign Orders
- CHCS-I
- Immunizations Adm
- SUAREZ, EDUARDO
- Demographics
- Health History
- Problems
- Meds
- Allergy
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- Clinical Notes
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- S/O
- A/P

Existing orders in the system are now displayed and can be selected to be discontinued, renewed or modified.

Priority ICD Diagnosis Chronic/Acute Type Priority Orders & Procedures

Diagnosis Order Sets Procedure Order Consults Order Lab Order Rad **Order Med** Other Therapies

Patient's Weight: 180.00 lbs; 81.65 kg

New Med Order

Item Name:

SIG:

Qty: Max Days Supply Default Unit:

Refills: Refills: Maximum Start Date:

Note to Provider:

Dispensing Location:

Comments: (Optional)

More Detail ... Clear Save To Queue Submit

Current Outpatient Medications

Description	Last Fill...	Refills...	Status	Order Exp...	Sig N...	Or
SIMVASTATIN (ZOCOR)-PO 20MG TAB		6	Active			95
METFORMIN (GLUCOPHAGE)-PO 500MG TAB		6	Active			95
LISINAPRIL (PRINIVIL/ZESTRIL)-PO 40MG T		6	Active			95

New Discontinue Renew Renew + Modify Modify Hold Show Detail Sign Refresh List Do Not Show Orders

USER, TEST in CHCSII Test Clinic at CHCSII ITT

Start Inbox - Microsoft Outlook http://secure.eonstream... Microsoft PowerPoint - [...] Registry Editor USER, TEST: Military Clini... 9:44 AM